

(NY-4341)

The Effect of Spontaneous Radiation on the
Spectral Line Width of a Molecular Generator, by
V. S. Troitskiy, 11 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Radiotiz,
Vol II, No 3, 1959, pp 377-383.

JPRS 5970

Sci.

Nov 60

133,561

Lunar Radio Emissions at 1.63 cm Wavelength,
by M. R. Zelinskaya, V. S. Troitskiy,
L. I. Fedoseyev, 5 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVI, No 4,
1959, pp 643-647.

Amer Inst of Phys
Soviet Astron-AJ
Vol III, No 4

Sci

Mar 60

110,694

Measurement of the Spectral Line Width of a
Klystron Generator at a 3.2 Cm Wavelength, by
V. S. Troitskiy and V. V. Khrulev, 11 pp.

RUSSIAN, per, Radiotekh i Elektr, Vol 1, No
6, 1956, pp 831-837.

9095168

SLD/ MDE-128

Morris D. Friedman
\$5.50

Sci.

Jul 58

68,320

Theory of the Maser and Maser Fluctuations, by
V. S. Troitskiy, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 2, 1958, pp 390-393

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 2

Sci - Physics

Oct 58

14,574

Monochromatic Radio Emission of Deuterium of
91.6 cm Wavelength from the Center of Galaxy,
by G. G. Getmantsev, K. S. Stankevich, V. S.
Troitskiy, 4 pp.

Full tr.

RUSSIAN, Zhurnal per, Dok Ak Nauk SSSR,
Vol VIII, No 5, 1955, pp 783-786.

Navy Tr 1329/NRL 552

Sci - Electronics

33,979

May 1956

On The Sensitivity of Radio Pyrometers, by V. S.
Troitsky (ATIC - 69906-2) 11 pp.

RUSSIAN, par, Zhur Tekh Fiz, Vol XXII, No 3,
Mar 1952

ATIC F-TS-7884

Scientific - Electronics

CIA 2001353

7054

CTS/DEX

The Theory of Measuring Weak Signals Having a Continuous Spectrum, by V. S. Troitsky, 18 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXI, No 8, USSR, 1951, pp 994-1003.

AMC F-TS-7852-RE

Scientific - Physics, spectrum, signals

A 1159

Sep 52 CTS/DEX

CIA 857883

Radio Astronomical Method of Investigating
Antennas, by V. S. Troitskiy, 24 pp.

RUSSIAN, per, Radiotekh i Elektr, Vol I,
No 5, 1956, pp 601-612.

ELA R-1490

Sci

Aug 58

69, 762

Effect of the Internal Flow of Heat of the
Moon on Its Radio Emission, by V. S.
Troitskiy, 6 pp.

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedeniy NVIISO SSR, Radiofizika, Vol V
No 3, 1962, pp 602-603.

JPRS 15740

Sci

Nov 62

217, 252

On the Question of Thermal Calibration of Radio-
Astronomical Apparatus, by V. S. Troitskiy, 6
pp.

RUSSIAN, per, Radiotekh i Elektr, Vol II, No 7,
pp 935-937

SLA R- 2383

Sci

Aug 58

72,348

Null Method of Measuring Weak Electrical
Fluctuations, by V. S. Troytskiy, 26 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXV, No 3,
1955, pp 478-496. 9893123

Morris D. Friedman
\$13.00 T-120

Scientific - Physics
CTB 73/Oct 1955 27,891

Fluctuations in Loaded Lines, by Troitskiy, V. S.,
14 pp.

RUSSIAN, no per, Zhur Tekhn Fiz, Vol XXV, No 8,
1955, pp 1426-1435.

9093162

Morris D. Friedman

\$7.00

34,944

Scientific - Physics

Jun 56 CTS/dex

Lunar Radio Emission-The Physical State
and Structure of the Moon's Surface, by V. S. Troitskiy,
30 pp.
RUSKIAN, sov. Iz Kosmosa po Fizike Planet,
No 3, 1961, pp 36-69. 0222072-V

NASA TT F-172

Sci - Phys
Jul 64

242,452

Lunar Radio Emission - the Physical State and
Nature of the Moon's Surface, by V.S. Troitskiy.
RUSSIAN, per, Izv Komissii Po Fiziki Planety,
No 3, 1961, pp 16-30
NLL/ 6015.49 1964 172

V.S. TROITSKIY

Sci -
Aug 67

336,487

Magnesium Ores, by A. I. Gushkov, E. A. Prokofyeva
M. A. Bjorkman, 3 pp.

REBULIN, M., Metallurgy of Light Metals,
Chapter XXVII, p 340.

US JPRS/DC-L-1175

Sci - Minerals, Metals
Doc 50

77, 819

S-4167

(DC-2257)

Concerning the Working Conditions of Personnel in
Roentgenological and Radiological Rooms, by V. P.
Viktorina, E. Ye. Trifonovskiy, T. S. Selezneva, A.
V. Frolova, I. Ye. Pashkova, 8 pp.

RUSSIAN, Bimonthly per. Vest Rentgenologii i Radiologii,
No 6, Moscow, Nov/Dec 1957, pp 82-87.

US JPRS/EC-L-1035

Sci - Medicine

76,512

Nov 58

Apparatus for Measuring Electron Beam Profile, by
Yu. V. Troitskii, 8 pp.

1957 RUSSIAN, per, Priboiy i Tekhn, Eksperim., No 6, 2
pp 113-114.

AEC-NP-tr-1054

Sci-Electr
Nov 63

242,442

Effect of a Magnetic Field on Thermal Spreading
of a Beam in an Electron Gun, by Yu. V
Troitskiy, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXX, No 1, 1960,
pp 25-30

AIP
Sov Phys - Tech Phys
Vol V, No 1

Sci
Aug 60

124,493

OSI 407/60

(SI-4392).

Investigation of the Possibility of Using a
Homogeneous Magnetic Field for the Focusing
of High-Density Electron Beams, by Yu. V. Troitskiy,
21 pp.

RUSSIAN, Izv. Akad. Nauk Fiz., Vol. XXX, No. 5, 1960.
pp 612-623.

JPRS 5916

Sci-Electron

Aug 60

121,625

Device for Investigating Axially Symmetric
Electron Beams, by Yu. V. Troitskiy, V. I.
Vazhenin.

RUSSIAN, per, Izvestiya Sibirskogo Otdeleniya
Akademii Nauk SSSR, No 8, 1959, pp 17-20.

AID

SIR-3201

5048182

Sci - Electronics

May 60

115,628

Die Flotation ein Aufbereitungsprozess, 1956, by
A. W. Troizki.

Translated from the Russian edition, 1948.

DSIR 622.765
Lending Lib Unit
G. 11217

Radars, by K. N. Trafimov. (ID 2070101), 21 pp.

RUSSIAN, pamphlet, Radiotekhnika, Moscow, 1957.

ACSI, N-3199

Sci - Electron

Jun 58

89,466

LIST OF CHEMICAL PREPARATIONS FOR USE AGAINST
PLANT DISEASES, BY VACLAV TROMA, 33 PP.

CZECH, PER, AGROCHEMICALIA, VOL. 11, NO 3, 1962,
PP 1-7.

JPRS 15680

EUR-CZECH

ECON

OCT 62

215,009

THE FREQUENCY CHARACTERISTICS OF THE CZECHOSLOVAK
ELECTRICITY SUPPLY SYSTEM, BY V. HODOUSEK,
Z. TROJANEK.

CZECH, PER, ENERGETIKA, VOL X, NO 4, ~~1960~~ 1960,
PP 161-165.

NLL M.4778

SCI - ELECTRON

JUL 62

203,010

(DC-6)

Moving Days, by Jarina Trojanova, 3 pp.
UNCLASSIFIED

CZECH, per, Tvorba, No 16, 17 Apr 1958, Prague,
pp 366-367.

US JFBS/DC-L-817

822

EE - Czechoslovakia
Soc - Living Space
Oct 58

74, 169

12 Übersetzungsmaschinen

1097.

Trojanski, P.P.
Die Übersetzungsmaschine. Material-
sammlung.

1959, 64 S.

DM 1.50

Isd-wo AN SSSR
über Mesh. Kniga, Moskau

Dokumentation d. Technik, München 8; Zweibrücken Nr. 74

A Competitor of the Submarine, by Capt G. Trojanow-
ski, 4 pp.

POLISH, d np, Zolnierz Wolnosci, Warsaw, 12 July
1957.

ACBI, G-9966

EEur - Poland

HLI

55,719

Dec 57

Microscopic Investigation of Magnesite 102
Refractory After Use in Colorless Glass,
Tank, by F. Trojer.
GERMAN, per, Radex Rundschau, No 1, 1955,
pp 327-332.
NTC 69-10904-118

F. Trojer

Sic-Mat
May 69

382,586

Disintegration of Refractories by Alkali-Sulphide and
Sulphate Phases in Cement Rotary Kilns, by F. Trojer,
6 pp.

GERMAN, rpt, Futterzerstorungen Durch Alkalisulphid
und Sulphatphases in Zement Rotierofen.

Dept of Modern Languages
North Carolina State College

Sci
Feb 64

Some Observations on Tricalcium Silicate
and Tricalcium Aluminate, by F. Trojer,

5pp

AUSTRIAN, per, Radex Rundschau, 1951, No 6,

pp 267-269

CF5. IT-64-18322

F. Trojer

323,371

Sci - Mat

Apr 67

The Breakdown of Basic Refractories During
Service, by P. Trojer. UTCL

OKMAN, per, Radex Rundschau, No 6, 1954,
pp 214-224.

British Iron and Steel Ind
(no number given)

Sci. - Min/Met
Box 59

98, 416

Reflection Measurements in the Microscopy of
Metallurgical Products, by F Trojer

GERMAN, per, Radex-Rundschau, No. 1, 1962,

pp 43-51

GB/105/3105

F. TROJER

Sci -

Aug 67

336-084

R-2010

(DC-1954)

Development of the Port of Szczecin as a Transit
Port, by S. Trojnar, 3 pp.

POLISH, no per, Technika i Gospodarka Morska,
VIII, No 2, Gdynia, Feb 1958, pp 39, 40.

US JPRS/DC-L-430

EEur - Poland

Econ - Maritime Transportation

66,864

(DC-5361)

Plan for Development of Szczecin Navigation Center.
by Stanislaw Trojnar, 3 pp.

POLISH, per, Zycie Gospodarcze, No 50, 11 Dec 1960,
p 2.

JPRS 8118

EEur - Poland

Econ

Apr 61

149,886

100
... of the Flow Parameters ...
... of A. M. Trekhin.
...
... ..
... ..

A. M. Trekhin

SCI, ~~SECRET~~

Nov 67

[Signature]

...

Investigation of Gas Streams by Electron Beam
Methods, by A. M. Trokhian.

RUSSIAN, per, Dok Ak Nauk SSSR, Physics Sections,
Vol CLVII, No 4-6, Aug 1964, pp 820-821.

Amer Inst of Phys
Sov Phys-Doklady
Vol IX, No 8

Sci
Mar 65

278,512

DEVICE FOR MEASURING RATE OF GAS FLOW, BY
A. M. TROKHAN, 4 PP.

RUSSIAN, PATENT NO 141018 (679186/26), 15 SEP 1960,
PP 1-2. 9578216

FTD-TT-62-839

SCI - ENGR
12 OCT 62

212,807

Photographic Investigation of Fluctuations in an
Air-Stabilized Plasma-Jet, by A.M. Trokhan.
RUSSIAN, per Zh. Prikl. Mekh. Tekhn. Fiz. No. 2, 1964,
pp 160-163
GB 347

A.M. TROKHAN

Sci -
Aug 67

339-687

NCH-202 580

Field 201

Trokhan, A. M.

THE PHOTOGRAPHIC INVESTIGATION OF FLUCTUATIONS
IN AN AIR-STABILIZED PLASMA-JET. 1965, 10p, 9refs.

NLL-M.5777

Order from NLL as M.5777

Trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi
Fiziki (USSR) n2 p160-3 1964.

1. National Lending Library
for Science and Technology,
Boston Spa (England)

Continuous Mappings and Conditions of Monogeneity,
by Yu. Yu. Trokhimchuk, 138 p.
RUSSIAN, mono, Nepreryvnye Otobrazheniya i Usloviya
Monogennosti, 1963.
IPST-2113

Yu. Yu. Trokhimchuk

Sci-Mar Sci
Jun 66

303,722

(NY-6502)

MATHEMATICS - A POWERFUL TOOL FOR KNOWLEDGE,
BY O. PANDOLFI, VI. TROMBINI, 5 PP.

RUSSIAN, PER, MARIA I. BILTYA, 1962,
PP 12, 13.

JPRS 14331

SCI - MATH
JUL 62

202,000

Continuous Reflection and Conditions of Monogenesis,
by Ya. Yu. Trokhimchuk.

RUSSIAN, mono, Nepreryvnye Otobrazheniya i Usloviya
Monogenosti, n. p. ~~196~~ 1963.

*IPST

Sci
Jul 63

Calculation to the Coupling Resistance of Periodic
Slow-Wave Systems, by K. Ya. Lishchovoy, Ya. K.
Trokhimenko, 15 pp.

RUSSIAN, per, Izvestiya Vysshikh Ucheb Zaved
MVSERO SER po Razdelu Radiotekhnika, Vol V,
No 6, 1962, pp 682-687.

JPRS 19440

801 - Rmtr
Jun 63

231,606

Single-Stage RC-Oscillator Circuit Using a Semiconductor Triode, by Ya. K. Troshimenko, 12 pp.

RUSSIAN, par, Radiotekhn., Vol XIII, No 11, 1958,
pp 44-51.

Pergamon Press

Sci

Pub 60

108,109

(HY-5231/6)

On the Dual of the Gyroton, by Ya. K.
Trokhimenko, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Ser
Radiotekh, Vol III, No 6, 1960.

JPRS 7383

165, 132

Sci
Aug 61

A Method of Analysis of Complex Networks with
Crystal Triodes, by Ya. K. Trokhimenko, 11 pp.

RUSSIAN, per, Radiotekhnika, Vol XI, No 3,
1956, pp 16-22. 21464 4857

ATTC P-TB-9180/v

Sci - Electron

Dec 98

77,989

Feedback in Transistor Circuits, by Ya. K. Trokhimenko,
11 pp.
Unclassified,

RUSSIAN, per, Radiotekhnika, No 9, 1956, pp 46-53.
CIA 638532

AFIC F-TB-9186/v

Sci • Electronics

Nov 58

76, 773

Operation of Traveling Wave Tubes in the
Second Pass Band of a Diaphragmed Waveguide,
by Ya. K. Trokhimenko, V. I. Isakov, 13 pp.

RUSSIAN, per, Iz Vyssh Ucheb Zaved, Radiotekh,
No 1, 1964.

JPRS 25138

Sci
Jun 64

261,513

Automatic Teaching Machines of the Control Type, by
Ya. K. Trokhimenko, 5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MVISSO SSSR
po Razdelu Radiotekh, Vol VI, No 4, 1963,

JPRS 23245

Sci

Feb 64

249,332

cl
The Use of Polystyrene at Low Temperatures, by A. A.
Trombin,

RUSSIAN, par, Kislorod, Vol XI, No 5, 1958, pp
62-64.

ATS RJ-1718

Sci - *chem*
Jul 59

90, 455

The Problem of Thermal Breakdown of Organosilicon
Compounds, by D. A. Petrov, G. T. Danilova-
Dobryakova, V. F. Trokhova, 5 pp.

RUSSIAN, per, Zhur Obsch, Vol XXX, No 1, 1960,
pp 235-238.

CB

Sci

Feb 61

144, 129

53
Influence of soil micro-organisms on dry-matter
formation and ash content of plant growth in
nutrient solutions, by H. White and G. Trollenier,
17 pp.

Chem. Abstr. 49:1484 (1952). No 42, 1952.

pp 1484-1491.

1952:42:1484

1484-1491

G. Trollenier

1484-1491

1484-1491

1484-1491

On the Stability of Antibiotics in ~~EE~~ Solutions
Containing Diodone as Salt of Various Amines,
by C. Trolle-Lassen, O. Weis-Hogh, 12 pp.

DANISH, par, Archiv for Pharmaci og Chemi,
Vol. LXII, No 15, 23 Jul 1955, pp 577-583.

Patent Office

Sci - Chem

Dec 62

219,199

TT-65-12372

Field 8G

Troll, C.

AERIAL PHOTOGRAPHS AND ECOLOGICAL SOIL
RESEARCH (Luftbild und ökologische Bodenforschung). 6p.
Order from SLA: \$1.10 as TT-65-12372

I. Troll, C.

Trans. from mono. Luftbild und Geomorphologie, Berlin,
1941.

MR 631

Structural Soils, Solifluction and Frost
Climates of the Earth, by C. Troll.

GERMAN, per, Geol. Rundschau, Vol XXIV, 1944.

014 543613

OCE Tr 43

Scientific - Geophysics

CTB 65/Feb 55

544 59-14262

21,430

The Problem of Frost Soil Formation in
the Light of Previous Research, by C.
Troll, 10 pp.

GERMAN, per, Geol Rundschau, Vol XXXIV,
1944, pp 546-604.

SLA 57-3190

Sci

Aug 58

72,079

Water as a Factor in Plant Geography, by
C. Troll.

GERMAN, per, Handbuch der Pflanzenphysiologie,
1956, pp 750-786.

CSIRO 4146

Sci - Biol
Aug 62

211, 230

Forms of Solifluction and Periglacial
Soil Erosion, by C. Troll, 16 pp.

GERMAN, per, Erdkunde, Vol I, 1947, pp
162-175.

SLA 57-3288

Sci

Aug 58

72,080

Thermal Types of Climate of the Earth, by C. Troll,
34 pp. UNCLASSIFIED

GERMAN, per, Pettermann's Geographische Mitteilungen,
Vol LXXXIII, 1943, pp 81-89.

QMT 433

Scientific • Geophysics

Oct 53 CTS

6664

The Subnival or Periglacial Cycle of
Denudation, by C. Troll, 26 pp.

GERMAN, per, Erdkunde, Vol II, 1948,
pp 1-21.

SLA 57-3289

Sci

Aug 58

72,081

R-81/64

Travels in the Eastern Andes of Bolivia, by Karl Troll,

1700

GERMAN, per, Petermanns Geographische Mitteilungen,
No 7/8, 1929, pp 181-188.

*JPRS/DC-10332/SPECIAL

LA - Bolivia
Geographic
Mar 64

From Lake Titicaca to Lake Poopo and ASalar de Coipasa,
by Karl Troll, *et al.*

GERMANY, per, Petermanns Mitteilungen, Vol LXIII, Xa
Nos 7, 8, 1927, pp 218-222.

J
*JPRS/DC-10291/SPECIAL

LA-Geographic
Feb 64

R-59/64

Research Trips in the Central Andes of South America,
by Karl ~~Deilly~~ 64f.

GERMAN, per, Petermanns Mitteilungen, Vol LXXIXV,
Nos 3, 4, 1928, pp 100-103.

[Signature]
*JPRS/DC-10291/SPECIAL

LA-Geographic
Feb 64

Inventions and Property Tax, by M. Troll.
GERMAN, per, Betriebs Berater, No 5, 1964,
pp 212-217.
GB 39/HO 2188

M. TROLL

Sci -
Aug 67

334,935

Influence of Soil Micro-Organisms on Antibiotic
and Calcium Uptake in Plants Growing in Nutrient
Solutions, by G. Trollenier, H. Parkwort.

GERM. REP. Arch für Mikrobiologie, No 43,
1962, pp 145-151.

F911899668

ANC-1B-C-2580

Sci-B and
Br 60

G. Trollenier

W9.228

Effects of Microfloras of Different Soils and
of Bacteria Pure Cultures on Plant Growth, by E.
Volta, G. Trollidenier.
GERMAN, por, Arch. Mikrobiol. Vol 47. No 1, 1963,
pp 42-56.
(INFO/Ref: C-5035)

G. Trollidenier

503 -
Aug 63

339,898

THE FOLLOWING IS A SUMMARY OF THE
RESULTS OF THE INVESTIGATION
CONDUCTED BY THE FBI ON
MAY 1, 1964, IN NEW YORK CITY.
THE RESULTS OF THE INVESTIGATION
CONDUCTED BY THE FBI ON
MAY 1, 1964, IN NEW YORK CITY.

G. TRO 14

Study on the Preparation and Therman Dissociation of
Alloys of Magnesium With Cerium, Neodymium and
Gadolinium, by Felix Trombe, Françoise Mahn, 20 pp.

FRENCH, ~~per~~, Annales de Chim, Ser 11, Vol XIX, 1944,
pp 345-361.

SLA Tr 751/1955

Sci - Chem

Jul 57

50, 218

Rapid Extraction of Pure Lanthanum Oxide From
the Earths, by Felix Trombe, 3 pp.

FRENCH, per, Compt Rendus, Vol CCXXV, 1947,
pp 1156-1158.

ABC Tr 1987

SLA Tr: 750

ALW. SLA Tr: 684

Scientific -- Chemistry

Jan 55 CTS/DEX

20,979

The Preparation of Metallic Cerium, Neodymium and Gadolinium From Their Alloys With Magnesium, by F. Trombe, F. Mahn, 6 pp.

Full translation.

FRENCH, per, Comptes rendus, Vol CCXVII, 1943, pp 603-605.

S.L.A.

Scientific - Minerals/metals

27,214

Aug 55

Treatments at High Temperature by Means of
Centrifugal Furnaces Heated by Solar Energy, by
F. Trombe, M. Foex, 35 pp.

FRENCH, 31 Oct 1955.

G-2, GSUSA
G-5619

Scientific - Engineering
CTS 75/Dec 55

29,238

Rare Earth Metals, by Felix Trombe, 114 pp.

FRENCH, per, Rev Metall, Vol LII, 1956, pp 2-33.

AEC 3479

Sci - Min/Mat

Jan 59

79,759

Chemical Reactions in Heterogeneous Phases. A
New Concept: "The Equivalent Volume", by Felix
Trombe, Marc Foex, 16 pp.

FRENCH, per, Annales de Chimie, Vol XVIII, No 11,
Parts I and II, 1943, pp 97-122. 9079913

AEC Tr-4652

164, 897

Sci
Aug 61

Observations on the Vapor Tensions of the Metals
of the Rare Earths, Their Separation and Purifica-
tion, by Felix Trombe, 8 pp. UNCLASSIFIED

FRENCH, per, Bull. Soc. Chim. France, 1953,
pp 1010-1012.

AEC/UCRL-Tr 191

Scientific - Chemistry

17,823

Observations on the Cytopathic Effect Induced by the
Rabbit Fibroblast Virus in Plaque Cultures, by
E. Tancin, L. Visali-Massa.

ITALIAN, per: Annali Scienze, Vol. III, No. 6, 1961,
pp. 692-701.

WH 1-57-63

Per: Biol/med Sci

232/92

WH 53

The History of the Meeting Practice on the
Microbiological Processes in Open Porous
Solids, by G. Tamm, W. H. H. H. H.

See also, par. 8001 and 8002, vol. 10000,
1900, pp. 1000-1001.

1001 8000

1001 8000
1001 8000

240, 380

Investigation of the Equilibrium at 22.500°C in the System $\text{CaO}-\text{FeO}-\text{SiO}_2$ in the Presence of Metallic Iron, by G. Thoma, R. Gerz, and H. J. Gobrecht, Ber. Bunsenges. Physik. Chem., Vol. 66, No. 2, 1962, pp. 595-599.

5

257,911

Effect of Slag Formation on the Efficiency and
Desulphurisation in the Basic Open Hearth Process,
by G. Tromel, H. Schafer.

GERMAN, per, Stahl und Eisen, Vol LXXXIII, 1963,
pp 1099-1106.

EXSI 3430

Sci - Eng
Dec 63

243,527

Trömel, Gerhard and Fritze, Hans Werner.
EQUILIBRIA BETWEEN IRON AND LIME-CONTAIN-
ING PHOSPHATE SLAGS. [1960] 26p. 18 refs.
Order from SLA 52-60 62-14564

Trans. of Archiv für das Eisenhüttenwesen (West
Germany) 1959, v. 30, no. 8, p. 461-472 (Max Planck
Institut für Eisenforschung (West Germany). [Communi-
cation]-822).
Another trans. is available from BISI 57 as BISI-1462
[1960].

DESCRIPTORS: Iron; Calcium compounds; Oxides.
Phosphates; Slags; Phase studies; crucibles; Tem-
perature; Tests; Oxygen; Phosphorus; Reduct on;
Melting.

For contents list see Technical Translations 3: 451,
1960.

(Metallurgy. IT. v. 8, no. 5)

62-14564

I. Trömel, G.
II. Fritze, H. W.
III. Max. . . Communication-822

C222657

Office of Technical Services

Equilibria Between Iron-Phosphorus Melts and
Line-Free Slag Containing Phosphorus, by Dr. Sc.
G. Tromel, K. Schwerdtfeger.

GERMAN, per, Archiv Eisenhüttenwesen, Vol XXXIV,
Feb. 1963, pp 101-108.

BISI 3221

235,710

Sci. M/M
Jul. 63

Tromel, G. and Fix, W.
THE EQUILIBRIA BETWEEN IRON MELTS AND
LIME-CONTAINING PHOSPHATE SLAGS IN THE
PRESENCE OF SILICA AND MANGANESE OXIDE.
[1963] 21p.

Order from ATS \$29.75

ATS-62Q69G

Trans. of Arch[iv für das] Eisenhüttenw[esen] (West
Germany) 1962, v. 33, no. 11, p. 745-755.

DESCRIPTORS: *Iron, *Calcium compounds, *Oxides,
*Phosphates, *Slags, Silicon compounds, Dioxides,
Manganese compounds, *Chemical equilibrium.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 5)

63-17737

- I. Tromel, G.
- II. Fix, W.
- III. ATS-62Q69G
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

1242889

Office of Technical Services

Investigations in the $\text{SiO}_2\text{Al}_2\text{O}_3$ Systems, by G.
Tromel, et al, 22 pp.

GERMANY, no per, Deut Keramische Gesellschaft.
Berichte, Vol XXXIV, 1957, pp 397-402.

National Bureau of Standards

Sci - Chemistry
Jul 58

67,389

Top Blowing of Basic Bessemer Iron With Pure
Oxygen. General Discussion, by G. Tromel

per, Stahl und Eisen, Vol LXXIII, No 1,
1908, pp 19-22.

Brutcher Tr 3227

Scientific - Minerals/Metals 4

CAS/DEX

Price \$0.60

11,405

Formation of Little Soluble Calcium Phosphates From
Aqueous Solution, And the Relations of These Phosphates
to the Apatite Group, by G. Trömel, H. Möller, 15 pp.

GERMAN, per, Zeit Anorg u Allgem Chem, Vol CCVI, 1932,
pp 227-240.

NOT RELEASABLE TO FOREIGN NATIONALS
CIA/PDD XX-189

Scientific - Chemistry
Aug 1956 CTS/dex

NO INTERNAL USE ONLY

37, 499

KOMBE, F.
TECHNICAL, G.

Archiv Eisenhüttenwesen, vol. 7, 7 figures, 7 tables,
11500 words; 1933.

Researches into the Structural Constitution of
Phosphate Slags and Importance of such Slags as Soil
Conditioners.

Brutcher Trans, Order No. 75, \$11.50.

4-5791

The Formation of Slugs in Top-Blowing Processes, by
J. Tramm, E. Gori.
GERMAN, Ipt. Paper Presented at the International Congress
on Oxygen Steel Plants at Le Touquet and Dunkirk,
23-26 Sep 1963.

REF 3484

Sci - M/M
Mar 64

241,487

Melting in an Electric Arc Vacuum Furnace With
Consumable Electrodes, by K. Bungardt, G. Tromel.
GERMAN, per, Archiv fuer Eisenhuettenwesen,
Vol XXXV, Aug 1964, pp 725-737.
BSI 3942

p 89

Sci-Engr
Feb 65

274,550

Investigations on the Iron - Phosphorus -
Oxygen System, by G. Tromel, H. Schwerdtfeger.

GERMAN, Archiv fuer Eisenhuettenwesen, Vol XXXIV,
1963, pp 55-59.

BISI 3162

Sci - M/11
Apr 63

229,473

Investigation of the System $\text{CaO-P}_2\text{O}_5\text{-SiO}_2$, by
G. Tromel, H. J. Harkort, W. Hotop.

GERMAN, ^{me}per, Z Anorg Chem, Vol CCLVI, No 5-6,
1948, pp 253-272.

DSIR/29189/CT

Sci - Chemistry
Oct 57

53,920

Investigation of the Equilibria at 1650° in the
System CaO-FeO-SiO_2 in the presence of Metallic Iron,
by G. Tromel E. Corl.

GERMAN, per, Arch Eisenhutt 4. Vol 54, No 8, 1965.

pp 9-595

CRL/T. 1564

G. Tromel

Sci -
Geo. 67

40,235

Trümel, Gerhard and Gedschold, Hermann.
THE PRODUCTION OF VANADIUM FROM SLAGS
RESULTING IN STEEL PRODUCTION (Die Gewinnung
von Vanadin aus Schlacken, die bei der Stahlerzeugung
Anfallen). [1963] [23]p. (foreign text included) 12 re/s.
Order from SLA \$2.60 63-14375

Trans. of Archiv für das Eisenhüttenwesen (West
Germany) [1948] v. 19, p. 119-124.

DESCRIPTORS: *Vanadium, Production, *Slags, Steel,
Manganese, Spinel, Sodium compounds, Chlorine
compounds, Carbon compounds, Oxides, Manufacturing
methods.

After a brief survey on the industrial experiences in
the obtaining and processing of vanadium-containing
slags, experiments are reported on for determining
in the laboratory the conditions for as complete
obtaining of pure vanadium as possible. The constitution
(Metallurgy, IT, v. 10, no. 7) (over)

63-14375

I. Trümel, G.
H. Gedschold, H.

1247494

Office of Technical Services

61-18475

I. Trömel, G.
II. Title: Verein...

Trömel, Gerhard.
INVESTIGATIONS OF THE TERNARY SYSTEM
CaO-P₂O₅-SiO₂ AND THEIR IMPORTANCE IN THE
PRODUCTION OF BASIC BESSEMER SLAGS. Rep.
no. 406 of the [Steelworks Committee] of the Verein
Deutscher Eisenhüttenleute. [1961] 16p. 13 refs.
Order from SLA \$1.60

61-18475

Trans. of Stahl und Eisen (Germany) 1943, v. 63,
14 Jan, p. 21-30.

DESCRIPTORS: Slag, Production, Calcium com-
pounds, Phosphates, Silicon compounds, Dioxides,
Chemical equilibrium, Iron, Manganese compounds,
Oxides, Chemical reactions.

285354

(Metallurg. TT, v. 7, no. 2)

Office of Technical Services

100
Cooling of Wire Rod in Conjunction
with Continuous Wire Mill Trains,
by K. Tremel, O. Dopper.
GERMAN, per, Drumt, Vol 15, Oct 1964,
pp 701-711.
BISH 6228

K. Tremel

Oct/64
Acq 64

304,595

Röntgenographic and Electronmicroscopic Investigations of Magnesium Oxides of Different Origin by P. Hogen, E. Tromel.

Chemie der Berichte der Deutschen Gesellschaft für
Experimentelle Chemie Vol. 67, 1963, pp 908-915
No. 766

m. Tromel

Sci -
Sep 67

358-743

Evaluation of the Reflection Broadening of H_2O by Different Methods, by
P. Keyen, M. Tronel. 53
GEBRAUCH, per, Berichte der Bauengesell-
schaft, Vol 67, No 9/10, 1963, pp 918-920.
ALL Ref: 5828.4F (H.13102)

Sci. Chap
June 69

384,572

The Theory of Hemangioma of the Spinal Column. 57

by E. Treumann.

GERMAN, Ger, Frankfurter Zeitschrift für Pathologie,

Vol 22, No 3, 1926, pp 313-326.

ACEI J-8068

ID 2204002170

E. Treumann

Sci/Br

Apr 70

406,747

Advances of High-Frequency Cinematography, by F.
Trommer,

GERMAN, per, Feingeraete Technik, No 1, 1955, Berlin,
pp 19-21.

USASIA SC-9b/60

Sci - Electronics

Feb 60

108,495

Investigations Concerning the Preservation
of Apple Juice by Means of Pyrocarbondioxide
ethyl ester, by A. Mehlitz, I. Trommer.

GERMAN, per, Industrielle obst-und Gemuse,
Vol XLVII, No 15, 1962, pp 434-437.

GB/96

Sci-Biol
July 63

236, 286